



SCHOOL: COMPUTING AND INFORMATICS

DEPARTMENT: INFORMATION TECHNOLOGY

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COURSE: INFORMATION TECHNOLOGY

UNIT NAME: SOFTWARE PROJECT MANAGEMENT

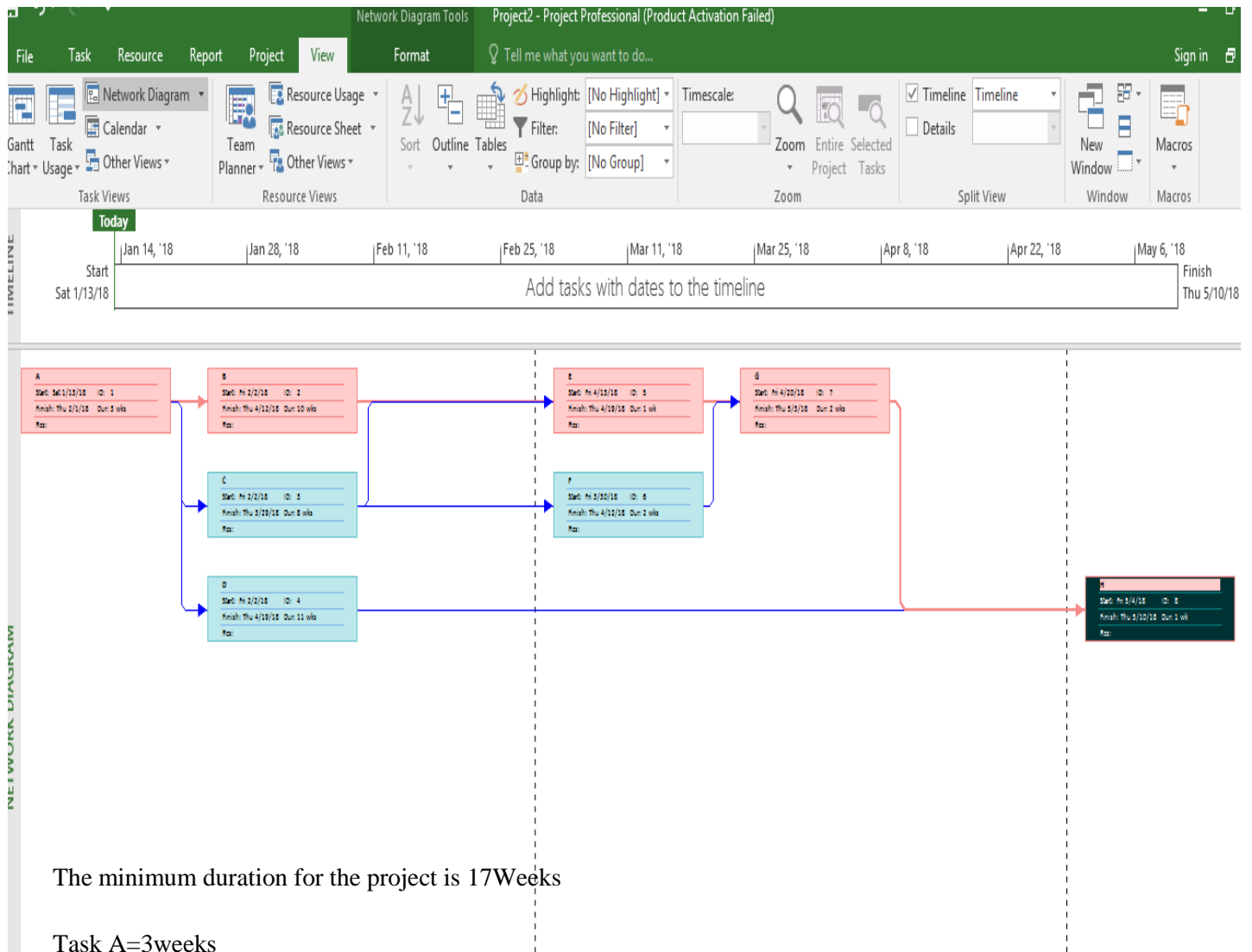
UNIT CODE: CIT 401

LECTURER: MR SAM OONGE

DATE OF SUBMISSION: 13TH JANUARY 2018

QUESTION ONE

A



Task B=10weeks

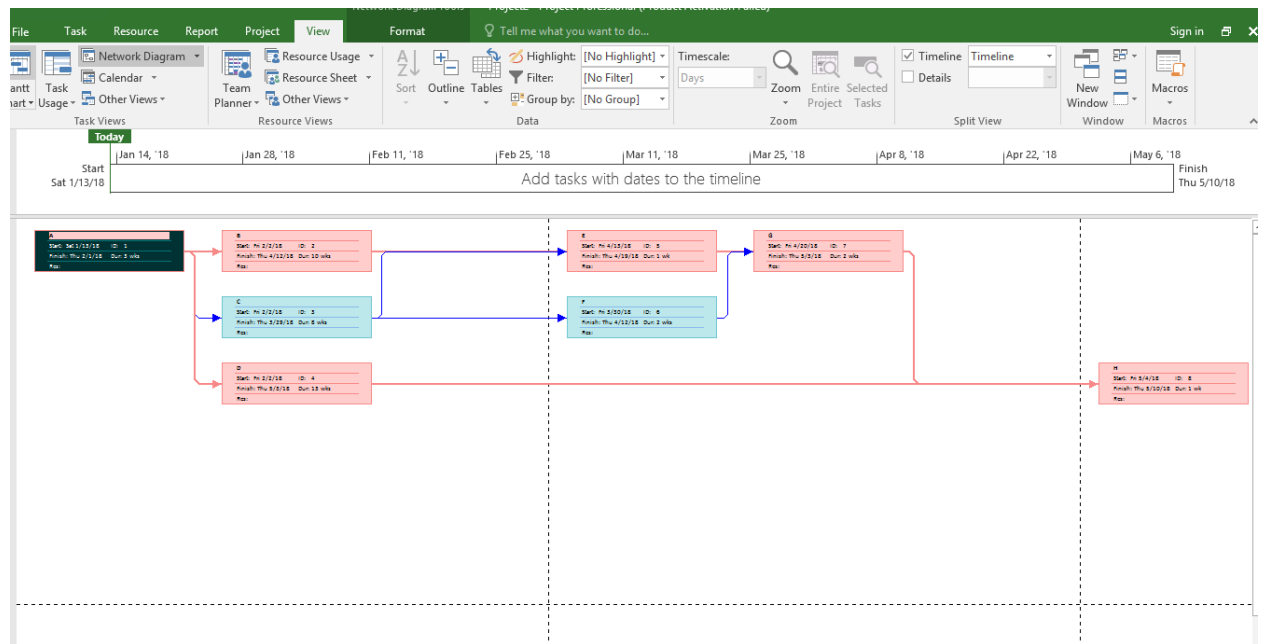
Task E=1week

Task G=2weeks

Task H=1week

$3+10+1+2+1=17$ weeks

Below is resultant activity-on-Arrow diagram after two weeks were added to task D



The above is the resultant diagram

The resultant will have two critical paths because two more weeks added to the A-D-H path will make it equal to the original critical path A-B-E-G-H of 17 weeks

Task A=3weeks

Task D= (11+2) weeks

Task H=1week

3+11+2+1=17weeks

And

Task A=3weeks

Task B=10weeks

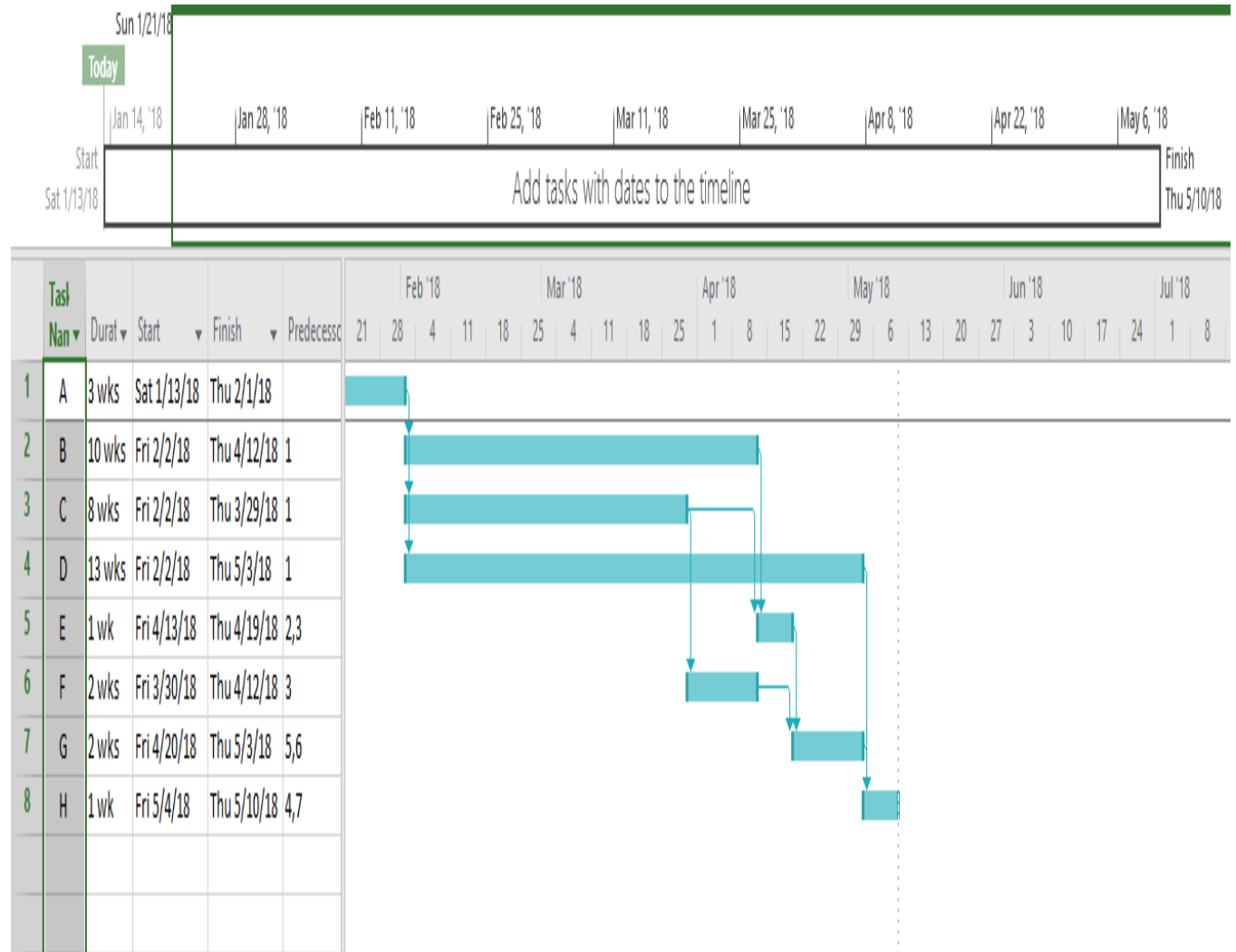
Task E=1week

Task G=2weeks

Task H=1week

3+10+1+2+1=17weeks

C, The diagram below shows Gantt chart for revised project with arrows showing dependencies, float is zero and critical paths A-D-H and A-B-E-G-H



QUESTION 2

A,

Stakeholders are people who are involved in project activities who include the project sponsor, project team, support staff, customers, users, suppliers, and even opponents of the project. (According to Kathy schwalbe).

B,

The type of stakeholders here will be;

Suppliers

These are stakeholders who provide raw materials to the project as it proceeds. Therefore after the change has been decided these stakeholders need to be informed on exact details on the items which need to be supplied. For example what data is more important into the main station before carrying out the data transfer?

Opponents

These are people who oppose the adjustments of to the project or even the whole project upon opposition the other stakeholders will know how best to impact the changes into the new idea like creating a new single database for the whole company.

Project manager

This stakeholder is responsible for contracting the project coordinating all the activities of the project. Therefore upon the changes the project manager is responsible for bringing unity among members so that they can work together toward having the single station.

Project sponsors

These are stakeholders who are responsible for funding the project costs and activities. Therefore as the new changes are being carried out, they should be done within the cost from project sponsors like the network being created should be one the project sponsors can handle fully.

Project team

These are stakeholders who ensure that the project materials are available at a given site, therefore when the company is being decentralized they should be informed on which materials are need from the various stations.

C, The project sponsors work hand in hand with
Project managers
The project team
Customers

D,

The Tuckman model describes five stages of team development: (According to Kathy Schwalbe).

1. Forming- introduction of team members, either at the initiation of the team or as new members are introduced.
2. Storming- when team members have different opinions for how the team should operate.
3. Norming-when team members have developed a common working method, and cooperation and collaboration replace the conflict and mistrust of the previous phase.
4. Performing- when the emphasis is on reaching the team's goals rather than working on team process. Relationships are settled, and team members are likely to build loyalty toward each other.
5. Adjourning- breaking-up of the team after it successfully reaches its goals and completes the work